

79-3024

20 SEP 1979

Buildings &
Grounds-10

MEMORANDUM FOR: Deputy Director of Administration

FROM : James H. McDonald
Director of Logistics

SUBJECT : Request for Approval for a Revision to
the Correction of Inadequate Electrical
Vault Short Circuit Current Limiting
Capability

REFERENCE : Memo fm C/RECD/OL via D/L to DDA, dated
5 Dec 1978, Subject: Request for Approval
to Implement the FY 79 Engineering Support
Program

1. In paragraph 2(d) of the reference, a request was approved to undertake the design of such electrical alterations as necessary to limit the short circuit current at the main transformer facilities as well as provide for the future installation of new switchboards. These alterations would protect electrical equipment from damage during a short circuit or ground fault. It was estimated that the construction would cost approximately \$500,000 for each of the two portions of the project which could be funded in some future year. Funds in the amount of \$60,000 were approved for the design work.

2. Subsequent to the approval above, preliminary design investigation indicated that the short circuit portion of the project could be accomplished at a significantly lower cost than originally anticipated. In concert with engineers from the General Services Administration it was determined that both the design and construction work, to provide short circuit protection, could be accomplished at a cost presently estimated to be \$120,900.

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Circuit Current Limiting Capability

3. Therefore it is requested that this project be approved as revised to include both design and construction of short circuit current limiting facilities at a cost of \$120,900 using presently available FY 79 funds. This work would then be accomplished by a Reimbursable Work Authorization to the General Services Administration.

/s/ James H. McDonald

James H. McDonald

Att

APPROVED:

A /s/ C. D. May
Deputy Director of Administration

21 SEP 1979

Date

Distribution:

Orig. - Adse (return to D/L upon approval)
2 - DDA

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